

Paper Analysis - AIPMT (NEET) - 2017

After remaining highlighted in the news for quite a while, NEET 2017 was conducted successfully on May 7 with an overall difficulty level of Moderate. This exam was conducted for getting entrance into State and National level medical colleges for courses in MBBS, BDS, BAMS & BHS. Chemistry was the easiest section of the paper, compared to Zoology and Botany which were on the higher difficulty side.

Details of NEET – 2017

Paper of NEET 2017 consisted 45 questions each from Physics and Chemistry, and 90 questions from Biology combining Zoology and Botany subjects thereby making 180 questions in total. This exam was conducted on 7st May from 10:00 am to 01:00 pm. Below, you can see the subject wise detailed analysis of NEET-2017 question paper.

Overall Marks Distribution

The paper pattern of NEET 2017 was same as that of NEET 2016 last year. The paper had 180 questions each carried 4 marks. All questions were of objective type with single correct option.

Subject wise questions in NEET 2017

Subject	Class XI		Class XII		Overall	
	Number of Questions	Total Marks	Number of Questions	Total Marks	Number of Questions	Total Marks
Botany	28	112	22	88	50	200
Chemistry	16	64	29	116	45	180
Physics	19	76	26	104	45	180
Zoology	25	100	15	60	40	160
Grand Total	88	352	92	368	180	720

Overall Difficulty Level Analysis

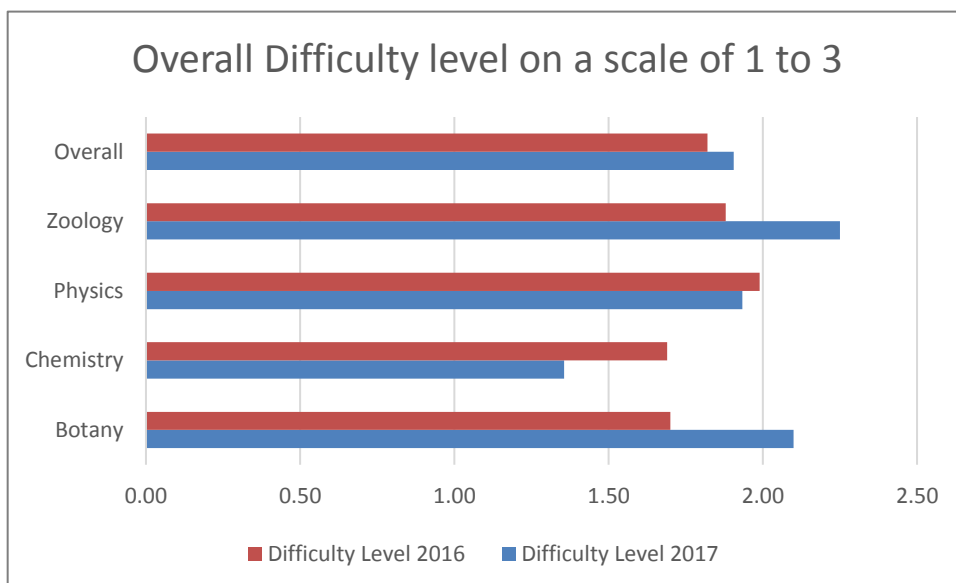
In this analysis, every question is rated on a scale of 1 to 3. The individual ratings are then averaged to calculate overall difficulty level.

1: Easy

2: Moderate

3: Difficult

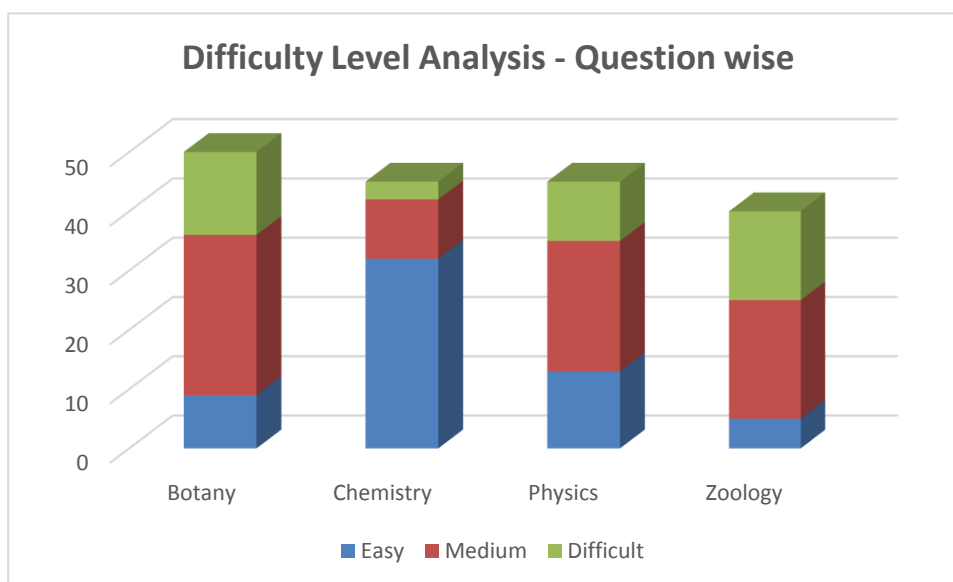
Subject	Difficulty Level 2017	Difficulty Level 2016
Botany	2.10	1.70
Chemistry	1.36	1.69
Physics	1.93	1.99
Zoology	2.25	1.88
Overall	1.91	1.82

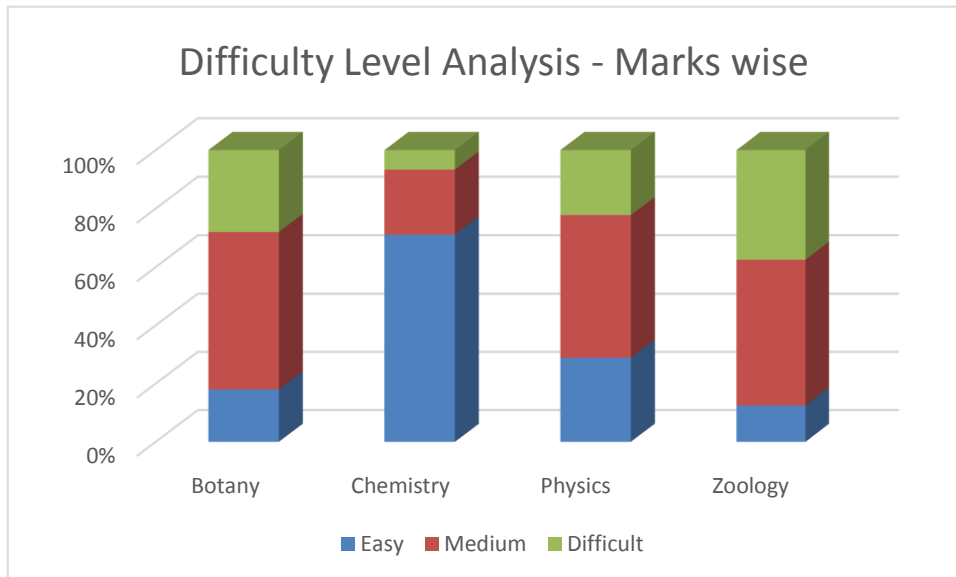


Difficulty Level Analysis: No of Questions

Subject	Easy		Medium		Difficult	
	Number of Questions	Total Marks	Number of Questions	Total Marks	Number of Questions	Total Marks
Botany	9	36	27	108	14	56
Chemistry	32	128	10	40	3	12
Physics	13	52	22	88	10	40
Zoology	5	20	20	80	15	60
Grand Total	59	236	79	316	42	168

askITians experts feel that each question of the paper has different difficulty level. There were some easy questions, some medium level questions and some questions were tough also. Overall, Zoology and Botany were comparatively at a higher difficulty level as compared to Physics and Chemistry.





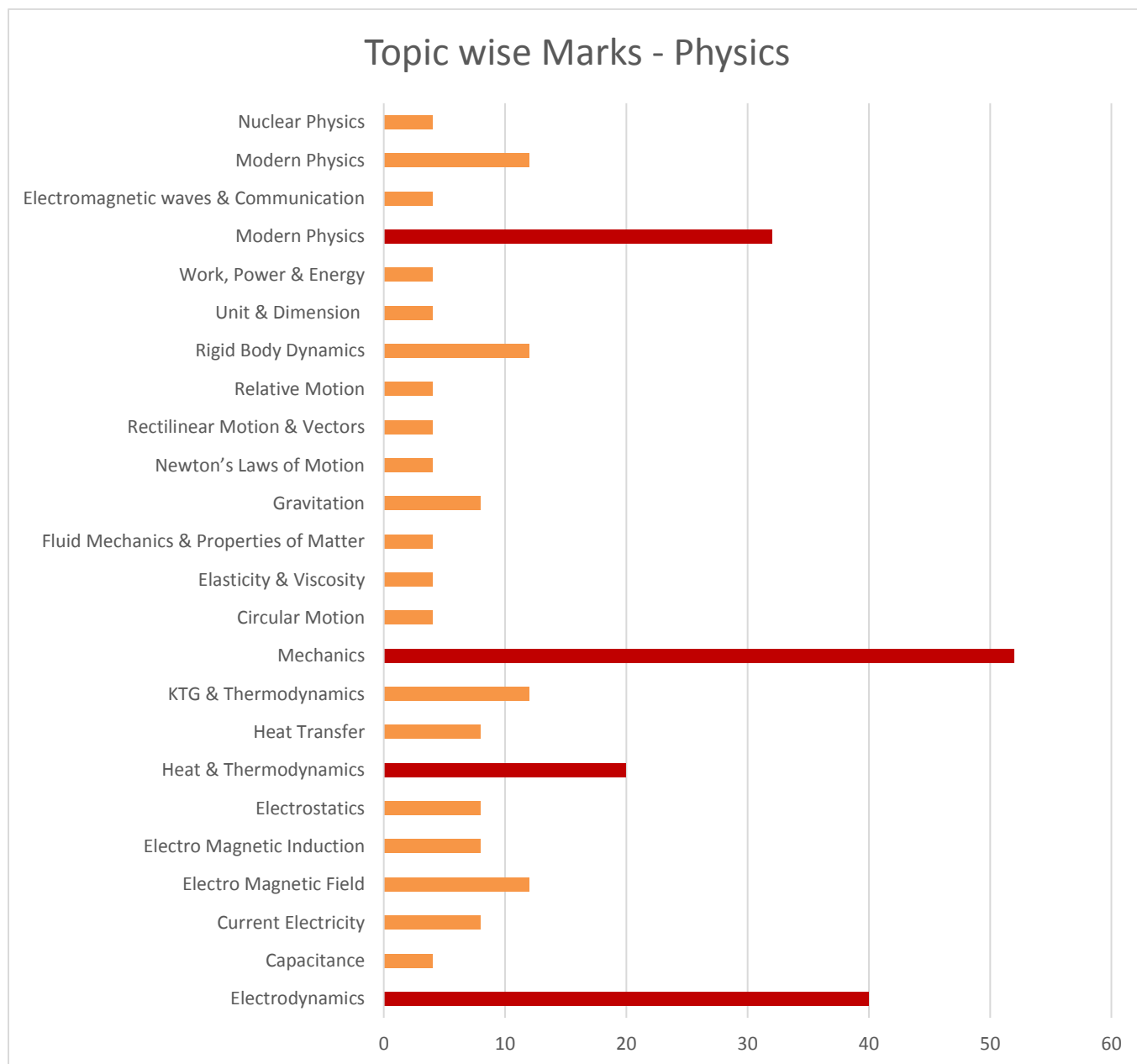
Subject Wise Analysis

A – Physics

Topic wise allocation of # of Questions & Marks

Unit & Topic Name	No. of Questions	Total Marks	(%) Weightage
Physics	45	180	100.00%
Electrodynamics	10	40	22.22%
Capacitance	1	4	2.22%
Current Electricity	2	8	4.44%
Electro Magnetic Field	3	12	6.67%
Electro Magnetic Induction	2	8	4.44%
Electrostatics	2	8	4.44%
Heat & Thermodynamics	5	20	11.11%
Heat Transfer	2	8	4.44%
KTG & Thermodynamics	3	12	6.67%
Mechanics	13	52	28.89%
Circular Motion	1	4	2.22%
Elasticity & Viscosity	1	4	2.22%
Fluid Mechanics & Properties of Matter	1	4	2.22%
Gravitation	2	8	4.44%
Newton's Laws of Motion	1	4	2.22%
Rectilinear Motion & Vectors	1	4	2.22%
Relative Motion	1	4	2.22%
Rigid Body Dynamics	3	12	6.67%
Unit & Dimension	1	4	2.22%
Work, Power & Energy	1	4	2.22%

Modern Physics	8	32	17.78%
Electromagnetic waves & Communication	1	4	2.22%
Modern Physics	3	12	6.67%
Nuclear Physics	1	4	2.22%

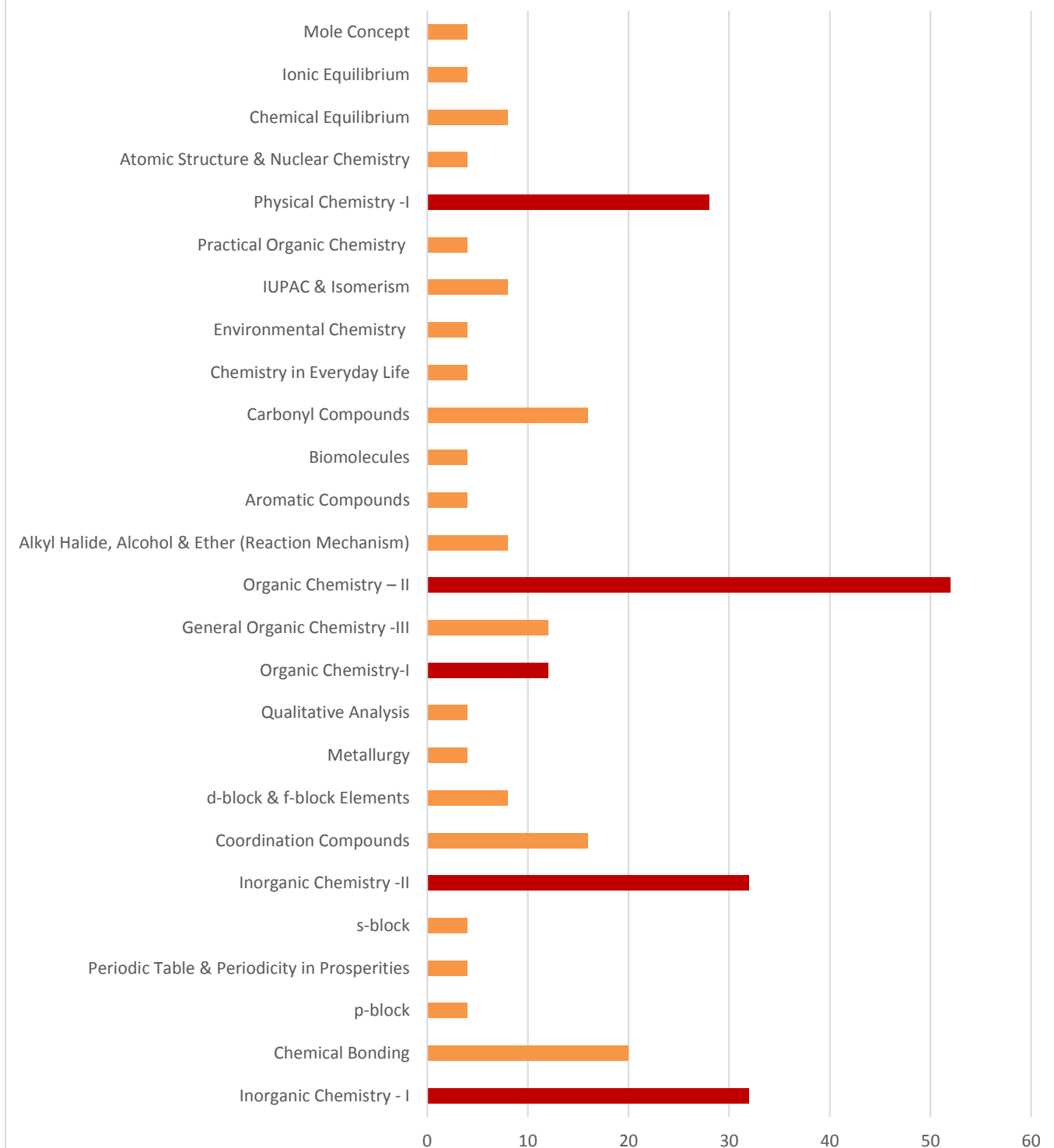


B - Chemistry

Topic wise allocation of # of Questions & Marks

Unit & Topic Name	No. of Questions	Total Marks	(%) Weightage
Chemistry	45	180	100.00%
Inorganic Chemistry - I	8	32	17.78%
Chemical Bonding	5	20	11.11%
p-block	1	4	2.22%
Periodic Table & Periodicity in Properties	1	4	2.22%
s-block	1	4	2.22%
Inorganic Chemistry -II	8	32	17.38%
Coordination Compounds	4	16	8.89%
d-block & f-block Elements	2	8	4.44%
Metallurgy	1	4	2.22%
Qualitative Analysis	1	4	2.22%
Organic Chemistry-I	3	12	6.67%
General Organic Chemistry -III	3	12	6.67%
Organic Chemistry – II	13	52	28.89%
Alkyl Halide, Alcohol & Ether (Reaction Mechanism)	2	8	4.44%
Aromatic Compounds	1	4	2.22%
Biomolecules	1	4	2.22%
Carbonyl Compounds	4	16	8.89%
Chemistry in Everyday Life	1	4	2.22%
Environmental Chemistry	1	4	2.22%
IUPAC & Isomerism	2	8	4.44%
Practical Organic Chemistry	1	4	2.22%
Physical Chemistry -I	7	28	15.56
Atomic Structure & Nuclear Chemistry	1	4	2.22%
Chemical Equilibrium	2	8	4.44%
Ionic Equilibrium	1	4	2.22%
Mole Concept	1	4	2.22%

Topic wise Marks - Chemistry

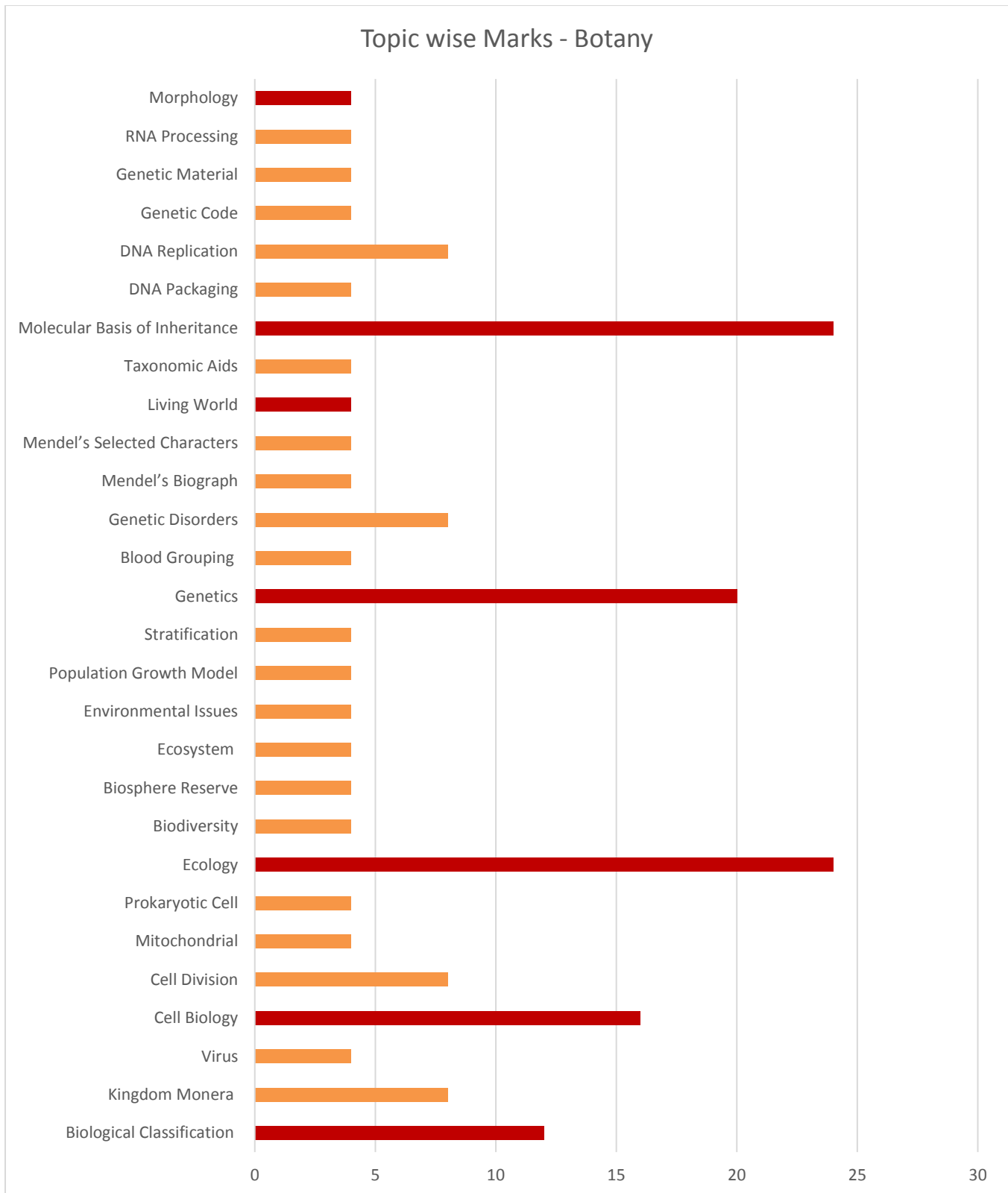


C – Biology (Botany)

Topic wise allocation of # of Questions & Marks

Unit & Topic Name	No. of Questions	Total Marks	(%) Weightage
Botany	50	200	100.00%
Biological Classification	2	12	6.00%
Kingdom Monera	2	8	4.00%
Virus	1	4	2.00%
Cell Biology	4	16	8.00%
Cell Division	2	8	4.00%
Mitochondrial	1	4	2.00%
Prokaryotic Cell	1	4	2.00%
Ecology	6	24	12.00%
Biodiversity	1	4	2.00%
Biosphere Reserve	1	4	2.00%
Ecosystem	1	4	2.00%
Environmental Issues	1	4	2.00%
Population Growth Model	1	4	2.00%
Stratification	1	4	2.00%
Genetics	5	20	10.00%
Blood Grouping	1	4	2.00%
Genetic Disorders	2	8	4.00%
Mendel's Biograph	1	4	2.00%
Mendel's Selected Characters	1	4	2.00%
Living World	1	4	2.00%
Taxonomic Aids	1	4	2.00%
Molecular Basis of Inheritance	6	24	12.00%
DNA Packaging	1	4	2.00%
DNA Replication	2	8	4.00%
Genetic Code	1	4	2.00%
Genetic Material	1	4	2.00%
RNA Processing	1	4	2.00%
Morphology	1	4	2.00%

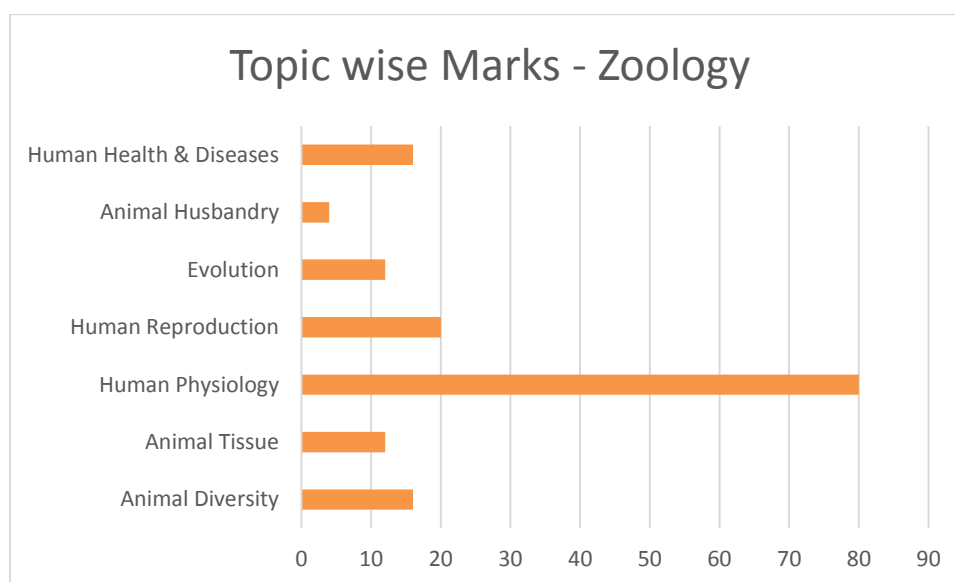
Topic wise Marks - Botany



C – Biology (Zoology)

Topic wise allocation of # of Questions & Marks

Unit & Topic Name	No. of Questions	Total Marks	(%) Weightage
Zoology	40	160	100.00%
Animal Diversity	4	16	10%
Animal Tissue	3	12	8%
Human Physiology	20	80	50%
Human Reproduction	5	20	13%
Evolution	3	12	8%
Animal Husbandry	1	4	3%
Human Health & Diseases	4	16	10%



Reservation of Seats and Expected Cutoff

NEET - 2017: Tentative[#]			
CATEGORY	% RESERVATION	CUT-OFF MARKS	% CUTOFF
Unreserved	51%	395	55%
OBC (NCL)	27%	380	53%
SC	15%	240	33%
ST	7%	225	31%
TOTAL	100.00%		
NEET - 2017: Maximum Marks			720

The Cut-off of NEET - 2017 is estimated based on previous year data & paper analysis of this year.
This is not an official data released by concerned authorities and just an estimation.